

# Table of Common Wastes in Health Care

Use this table to help identify the waste type and management method for wastes commonly generated in the health care industry. Your facility is responsible for identifying all of the wastes it generates, evaluating them to determine waste types, and correctly managing and disposing of them. For more information, see the DNR publication “Is Your Waste Hazardous?” at <http://dnr.wi.gov/files/pdf/pubs/wa/wa1152.pdf> and the DNR Web page “Overview of Waste Management at Health Care Facilities” at <http://dnr.wi.gov/topic/HealthWaste/Business.html>, which includes links to fact sheets on empty containers, chemotherapy waste and pharmaceutical waste.

The wastes are listed alphabetically. Wastes common to housekeeping and maintenance departments are listed separately at the end of the table. Your facility will have other wastes that are not listed in this table.

## Key for waste types and disposal methods:

HW = Hazardous Waste; IW = Infectious Waste; RE = Recycle; RW = Radioactive Waste; SE = Sanitary Sewer; SW = Solid Waste; TCW = Trace Chemotherapy Waste; UO = Used Oil; UW = Universal Waste

| Waste   | Waste Type | Potential HW Code | Management Method | Comments  |
|---|------------|-------------------|-------------------|---|
| Acids (acetic, hydrochloric, nitric, oxalic, phosphoric, sulfuric, trichloroacetic) | HW, SW     | D002              | HW, SE            | Evaluate to determine if HW. Corrosive HW if pH $\leq 2$ . May be able to neutralize and sewer with approval from sewer authority if no other contaminants. |
| Acid, chromic   | HW         | D002, D007        | HW                | Evaluate for HW corrosivity and toxicity (chromium).  |
| Acid, formic  | HW, SW     | D002, D001        | HW, SW            | Evaluate for HW corrosivity and ignitibility characteristics.   |
| Acid, picric  | HW         | D002, D003        | HW                | Evaluate for HW reactivity and corrosivity. Do not store beyond expiration date. Call bomb squad if crystallized-explosive.                                 |
| Aerosol containers and inhalers, empty  | SW         | N/A               | RE, SW            | Recycle containers when possible. Must be totally empty of contents and propellant.   |
| Aerosol containers and inhalers, not empty  | HW, SW     | D, F, U, P Codes  | HW, SW            | Evaluate to determine if contents or propellants are HW.  |
| Alcohol (ethyl, isopropyl, methyl)  | HW         | D001, F003        | HW, SE, RE        | Liquid with >24% alcohol may be ignitable HW. Some are F-listed. Reclaim by distillation. May sewer small amounts with approval from sewer authority.       |
| Amyl Nitrate  | HW         | D001              | HW                | Evaluate for HW ignitibility characteristic (oxidizer).   |
| Anesthetic gases, unused  | HW, SW     | U or P listings   | HW, SW            | Evaluate for HW listings.   |
| Antibacterial soaps   | SW         | N/A               | SW                | Sewering excess amounts is not recommended. Antibacterial agents can contaminate drinking water sources.  |

HW = Hazardous Waste; IW = Infectious Waste; RE = Recycle; RW = Radioactive Waste; SE = Sanitary Sewer; SW = Solid Waste; TCW = Trace Chemotherapy Waste; UO = Used Oil; UW = Universal Waste

| Waste  | Waste Type    | Potential HW Code | Management Method | Comments  |
|--|---------------|-------------------|-------------------|---|
| Arsenic containing compounds (arsenic trioxide)  | HW            | D004, P012        | HW                | Characteristic HW for arsenic toxicity or P-listed HW if unused and sole active ingredient.   |
| Barbiturates   | SW            | N/A               | SW                | Follow U.S. DEA approved procedures for disposal of controlled substances. Recommend destruction at an approved incinerator.  |
| Barium sulfate oral contrast   | HW, SW        | D005              | HW, SW, SE        | Evaluate to determine if HW for barium toxicity. May sewer small amounts with approval from sewer authority.  |
| Batteries  | UW, SW, HW    | D Codes           | RE, UW, SW, HW    | Collect as UW and recycle or manage nonalkaline batteries as HW. Recycle alkaline batteries or dispose of as SW. See "Management of Used Batteries: A Fact Sheet for Business Generators" at <a href="#">PUB 710.MK.0002 - February 2000 [exit DNR]</a> |
| Benzidine, unused  | HW            | U021              | HW                |   |
| Blood and body fluids, items saturated or dripping with blood/body fluids, suction canisters   | IW            | N/A               | IW, SE            | Treat solids as infectious waste. Liquids may be sewered with approval from sewer authority.  |
| Chemotherapy (antineoplastic) waste: unused drugs and materials (gloves, gowns, etc.) contaminated with chemo drugs as a result of a spill                                 | HW, SW        | D, U or P Codes   | HW, SW            | Evaluate to determine if a characteristic HW or a P- or U-listed HW. Do not sewer; incineration at an approved facility is recommended for all chemotherapy waste.  |
| Chemotherapy (antineoplastic) contaminated waste from administering chemo drugs, including needles, empty syringes, empty vials, empty IV bags, gowns, wipes, gloves, etc. | TCW           | N/A               | TCW               | Incinerate at an approved facility as TCW.  |
| Chemotherapy (antineoplastic) drugs and blood soaked gauze from blown needle   | IW or HW + IW | D, U or P Codes   | IW or HW + IW     | Evaluate to determine if a characteristic HW or a P- or U-listed HW and send to HW facility that can also handle IW. If nonhazardous, handle as IW. Incineration at an approved facility is recommended for all chemotherapy waste.                     |
| Chemotherapy waste: Hood filters from chemotherapy drug prep areas   | TCW, HW       | D004              | TCW, HW           | Evaluate to determine if a characteristic HW (arsenic trioxide). If nonhazardous, manage as TCW.  |
| Chloral hydrate, unused  | HW            | U034              | HW                | Do not sewer. May cause genotoxicity. Follow U.S. DEA approved procedures for disposal of controlled substances.  |
| Chlorambucil, unused   | HW            | U035              | HW                |   |
| Cleaners   | HW, SW        | D001, D002, D007  | HW, SW, SE        | Evaluate to determine if HW for ignitibility, corrosivity and chromium toxicity.  |
| Clini-test Tablets   | HW, SW        | D003              | HW, SW            | Evaluate for HW reactivity characteristic.  |

HW = Hazardous Waste; IW = Infectious Waste; RE = Recycle; RW = Radioactive Waste; SE = Sanitary Sewer; SW = Solid Waste; TCW = Trace Chemotherapy Waste; UO = Used Oil; UW = Universal Waste

| Waste   | Waste Type | Potential HW Code | Management Method | Comments  |
|---|------------|-------------------|-------------------|---|
| Colloidion  | HW         | D001              | HW                | Evaluate for HW ignitibility characteristic.  |
| Cyclophosphamide, unused  | HW         | U058              | HW                |   |
| Daunomycin, unused  | HW         | U059              | HW                |   |
| Dental amalgam and vacuum line waste  | HW         | D009              | HW, RE            | Collect and recycle. Contains mercury.  |
| Dental trap filters   | HW         | D009              | HW, RE            | Collect and recycle. Contains mercury amalgam.  |
| Dental bite wings   | HW         | D008              | HW, RE            | Contains lead. Collect and recycle.   |
| Developer, used and unused  | HW         | D002              | HW, SE            | Corrosive HW if pH $\geq$ 12.5. Used developer solutions may be neutralized and sewered without permission. If unused, use it up or find someone who can.   |
| Dichlorodifluoromethane, unused   | HW         | U075              | HW                |   |
| Diethylstilbestrol, unused  | HW         | U089              | HW                |   |
| Disinfectants, concentrated (Quat based)  | SW         | N/A               | SW                | Do not sewer. May contain carcinogens; toxic to aquatic life. May require solidification before landfilling.  |
| Disinfectants, diluted to <10% (Quat based)   | SW         | N/A               | SE                | If used at manufacture's recommended dilution rate, may sewer with approval from sewer authority.   |
| Disinfectants and sterilants  | HW, SW     | D codes           | HW, SW            | Evaluate to determine waste type and disposal method. Sewering of excess is not recommended.  |
| Electronics and computers   | UW, HW     | D Codes           | RE, SW, HW        | Recycle as UW or evaluate and manage as HW or SW. See <a href="http://dnr.wi.gov/topic/ecycle/">http://dnr.wi.gov/topic/ecycle/</a> .   |
| Epinephrine, empty or partially used containers (vial, ampoule, IV bag) or delivery devices (syringe, pen, inhaler) | IW, SW     | N/A               | IW, SW            | Evaluate to determine if IW. Incineration at an approved facility is recommended disposal method.   |
| Epinephrine, unused   | HW, SW     | P042              | HW, SW            | Evaluate to determine if epinephrine base or salt. Epinephrine salts are not P-listed HW. See "Management of Waste Epinephrine Salts" at <a href="http://dnr.wi.gov/files/pdf/pubs/wa/wa1208.pdf">http://dnr.wi.gov/files/pdf/pubs/wa/wa1208.pdf</a> . Incineration is recommended method of SW or HW disposal. |
| Equipment cleaner, chromium based   | HW         | D007, D002        | HW                | Contains chromium. May be corrosive HW. Look for non-hazardous substitutes.   |
| Equipment cleaner, non-chromium based   | HW, SW     | D002              | HW, SW            | Evaluate for corrosivity characteristic. Neutralize, if necessary, and sewer with permission. Look for non-hazardous substitutes.   |
| Erythromycin Topical Solution   | HW         | D001              | HW                | May be ignitable HW due to alcohol.   |

HW = Hazardous Waste; IW = Infectious Waste; RE = Recycle; RW = Radioactive Waste; SE = Sanitary Sewer; SW = Solid Waste; TCW = Trace Chemotherapy Waste; UO = Used Oil; UW = Universal Waste

| Waste  | Waste Type | Potential HW Code | Management Method | Comments  |
|--|------------|-------------------|-------------------|---|
| Ethidium dibromide                           | SW         | N/A               | SW                | Mutagen. Investigate methods to neutralize before disposal or sewerage. Substitute or eliminate.  |
| Ethyl ether                                  | HW         | D001, D003, U117  | HW                | U117 listed HW if unused. Evaluate for reactivity and ignitability HW characteristics. Call bomb squad if crystals are present-explosive.   |
| Ethylene oxide                               | HW         | U115, D001        | HW                |   |
| Fixer, spent                                 | HW         | D011              | HW, RE, SE        | Recover silver on-site or send off-site as HW for silver recovery. Discharge wastewater after on-site treatment with approval of sewer authority.   |
| Formalin                                     | HW, SW     | D001, U122        | HW, RE, SE        | Contains formaldehyde. Unused formalin may be U122 HW. Formalin containing methanol may be D001 ignitable HW. Carcinogen. Sewering is discouraged in favor of substitution or recycling. If sewerage, must have sewer authority approval. |
| Germicidal soaps and detergents, unused      | SW         | N/A               | SW                | Do not sewer excess. Germicidal agents may enter surface or groundwater.  |
| Glutaraldehyde, concentrated (Cidex)         | SW         | N/A               | SE                | Aquatic toxicant. Recommend neutralizing with glycine before sewerage. Sewer with prior approval from sewer authority.  |
| Hand cleaners, antibacterial                 | SW         | N/A               | SW                | Do not sewer excess amounts. Antibacterial agents may enter surface or groundwater.   |
| Hand cleaners, alcohol based                 | HW, SW     | D001              | HW, SW            | Evaluate to determine if ignitable HW due to alcohol.   |
| Hemocult developer                           | HW         | D001              | HW                | Contains alcohol and hydrogen peroxide Evaluate for HW characteristic of ignitability (oxidizer).   |
| Hexachlorophene, unused                      | HW         | U132              | HW                | Found in commercial cleaning solutions. Evaluate to determine if sole active ingredient.  |
| Hydrogen peroxide (includes cold sterilants) | HW, SW     | D001              | HW, SE            | Evaluate for HW ignitability characteristic (oxidizer). Dilute solutions may be flushed with water and discharged to sewer with approval from sewer authority.  |
| Icotest™ tablets                             | HW, SW     | D003              | HW, SW            | Evaluate for HW characteristic of reactivity.   |
| Indicator tape and cards                     | HW, SW     | D008              | HW, SW            | Evaluate for HW characteristic of lead toxicity. Send off-site for lead reclamation.  |

HW = Hazardous Waste; IW = Infectious Waste; RE = Recycle; RW = Radioactive Waste; SE = Sanitary Sewer; SW = Solid Waste; TCW = Trace Chemotherapy Waste; UO = Used Oil; UW = Universal Waste

| Waste  | Waste Type | Potential HW Code | Management Method | Comments  |
|--|------------|-------------------|-------------------|---|
| Iodine tincture  | HW, SW     | D001              | HW, SE            | May contain alcohol. Evaluate to determine if ignitable HW. Small amounts may be sewered with approval from sewer authority.  |
| IV bag of epinephrine in saline (leftover fluid or empty bag)  | SW         | N/A               | SW                | P-listing does not include epinephrine salts. See "Management of Waste Epinephrine Salts" at <a href="http://dnr.wi.gov/files/pdf/pubs/wa/wa1208.pdf">http://dnr.wi.gov/files/pdf/pubs/wa/wa1208.pdf</a> .                      |
| Laboratory waste, general (analyzer waste, prep area waste, spills, etc)                                       | HW, SW     | D, U, P codes     | HW, SW            | Evaluate each waste to determine if a characteristic or listed HW.  |
| Lead aprons, lead foil   | HW         | D008              | HW, RE            | Collect and recycle by sending to HW facility that recovers lead.   |
| Lindane  | HW         | D013              | HW                |   |
| Lubricating oil  | UO         | N/A               | UO, RE            | Recycle as used oil. Do not mix with listed or characteristic HW.   |
| Melphalan, unused  | HW         | U150              | HW                |   |
| Mercury-containing equipment (thermometers, sphygmomanometers, switches, barometers, esophageal dilators, etc) | UW, HW     | D009              | RE, HW            | Recycle to reclaim mercury. See "Management of Mercury Containing Equipment" at <a href="http://dnr.wi.gov/files/pdf/pubs/wa/wa1004.pdf">http://dnr.wi.gov/files/pdf/pubs/wa/wa1004.pdf</a> .                                   |
| Methyl acrylate  | HW         | D001              | HW                | Ignitable HW.   |
| Mitomycin C, unused  | HW         | U010              | HW                |   |
| Nicotine, unused   | HW         | P075              | HW                | Nicotine patches, gum, etc. Packaging and wrappers may be P075 waste.   |
| Nitroglycerin  | HW, SW     | D003              | HW, SW            | Evaluate to determine if a reactive HW - P081 HW if unused; D003 HW if used. In most applications, medical-grade nitroglycerin is not a reactive HW.  |
| Orthophthalaldehyde (OPA)  | SW         | N/A               | SW, SE            | Aquatic toxicant. Neutralize with glycine before sewerage; obtain prior approval from sewer authority.  |
| Paraldehyde, unused  | HW         | U182              | HW                | Follow U.S. DEA-approved procedures for disposal of controlled substances.  |
| Pharmaceuticals, outdated or unused that can be used as product  | N/A        | N/A               | N/A               | Return as product to vendor or manufacturer for re-use or credit by reverse distribution program. See <a href="http://dnr.wi.gov/topic/waste/hazardousfaq.html#no13">http://dnr.wi.gov/topic/waste/hazardousfaq.html#no13</a> . |
| Pharmaceuticals, outdated, used or unused that cannot be used as product                                       | HW, SW     | D, P, U Codes     | HW, SW            | Evaluate each pharmaceutical to determine if HW or SW. Recommend incinerating all pharmaceuticals.  |
| Phenol, unused   | HW         | U188              | HW                |   |
| Physostigmine  | HW, SW     | P204              | HW, SW            | P-listed HW if unused. If used, evaluate for HW characteristics.  |

HW = Hazardous Waste; IW = Infectious Waste; RE = Recycle; RW = Radioactive Waste; SE = Sanitary Sewer; SW = Solid Waste; TCW = Trace Chemotherapy Waste; UO = Used Oil; UW = Universal Waste

| Waste  | Waste Type | Potential HW Code                       | Management Method | Comments  |
|--|------------|---|-------------------|---|
| Poisonous compounds  | HW, SW     | D, U or P codes                         | HW, SW            | Evaluate for U- or P-listing if unused; evaluate for HW characteristics, such as toxicity.  |
| Radioactive injectables  | RW         | N/A                                     | RW                | The Nuclear Regulatory Commission sets rules for radioactive waste management. See <a href="http://www.nrc.gov">http://www.nrc.gov</a> or <a href="http://dhs.wisconsin.gov/dph_beh/RadioactiveMat/Index.htm">http://dhs.wisconsin.gov/dph_beh/RadioactiveMat/Index.htm</a> . |
| Reagents containing mercury (mercuric nitrate, mercuric oxide, mercuric chloride, thimerosal as preservative)                              | HW         | D009                                    | HW                | Evaluate to determine if characteristic HW for mercury toxicity.  |
| Reagents containing metals (arsenic, barium sulfate, chromium trioxide, lead compounds, selenium, silver nitrate.)                         | HW         | P, U or D Codes                         | HW                | May be U- or P-listed HW if unused or characteristic HW for metal toxicity: arsenic (D004), barium (D005), chromium (D007), lead (D008), mercury (D009), silver (D010) or selenium (D011).  |
| Renalin (hydrogen peroxide based cold sterilants)  | HW         | D001                                    | HW, SE            | Evaluate to determine if HW for ignitability characteristic (oxidizer). Sewer with approval from sewer authority.   |
| Reserpine, unused  | HW         | U200                                    | HW                |   |
| Resorcinol, unused   | HW         | U201                                    | HW                |   |
| Saccharin  | HW, SW     | U202                                    | HW, SW            | U-listed HW if unused. If dissolved in solvent, evaluate for HW ignitability characteristic.  |
| Selenium sulfide   | HW, SW     | U205, D010                              | HW, SW            | U-listed HW if unused. If used, evaluate for HW characteristic of toxicity for selenium.  |
| Septisol foam, unused  | HW         | U132                                    | HW                | U-listed HW if sole active ingredient is hexachlorophene.   |
| Sharps and needles   | IW         | N/A                                     | IW                | Place in sharps container and manage as IW.   |
| Silver Nitrate   | HW         | D001, D011                              | HW, RE            | HW characteristics of ignitability (oxidizer) and silver toxicity. Send off-site of silver recovery.  |
| Skin disinfectants, unused or concentrate (iodophor, phenol, others)   | HW, SW     | D, P- or U-codes                        | HW, SW            | Evaluate to determine if HW. Do not sewer excess.   |
| Solvents (acetone, xylene, alcohols, "Americlear," benzene, cyclohexane, ethyl acetate, toluene, carbon tetrachloride, methylene chloride) | HW         | U, P, F Codes D001                      | HW, RE            | If unused, evaluate for P- or U-listed HW. If used, evaluate for ignitability characteristic or F-listed HW. Solvents may be reclaimed on-site or off-site.   |
| Spot remover (carbon tetrachloride, alcohols, benzene, chloroform)   | HW, SW     | F002, F005 U211, U019, U044, D001, D022 | HW, SW            | Evaluate to determine ingredients. May be a listed or characteristic HW. If unused, may be U-listed HW.   |

HW = Hazardous Waste; IW = Infectious Waste; RE = Recycle; RW = Radioactive Waste; SE = Sanitary Sewer; SW = Solid Waste; TCW = Trace Chemotherapy Waste; UO = Used Oil; UW = Universal Waste

| Waste   | Waste Type | Potential HW Code | Management Method | Comments  |
|---|------------|-------------------|-------------------|---|
| Stains and fixatives (containing heavy metals, benzidine, iodine, uranyl nitrate) | HW, SW     | D Codes           | HW, SE            | Evaluate for HW characteristics of ignitability, including oxidizing properties, and toxicity (metal content). Capture all recoverable amounts. Sewer rinses with sewer authority approval.                                   |
| Sterilants  | HW, SW     | D Codes           | HW, SW            | Evaluate to determine if HW. Do not sewer excess.   |
| Streptozotocin, unused  | HW         | U206              | HW                |   |
| Surgical scrub, unused  | SW         | N/A               | SW                | Do not sewer excess.  |
| Surgistain  | HW         | D001, D002        | HW                | Contains isopropyl alcohol and phosphoric acid. Evaluate for HW characteristics of ignitability and corrosivity.  |
| Toner   | HW, SW     | D010              | HW, SW            | Evaluate to determine if a characteristic HW for selenium toxicity.   |
| Trace chemotherapy waste - see chemotherapy                                       | TCW        | N/A               | TCW               |   |
| Trichloromonofluoromethane, unused  | HW         | U121              | HW                |   |
| Uranyl nitrate  | HW, RW     | D002              | HW, RW            | Radioactive waste and corrosive HW. Manage and dispose of as "mixed" waste.   |
| Uracil mustard, unused  | HW         | U237              | HW                |   |
| Vaccine (excess in syringe or liquid in vial)                                     | HW, IW     | D009              | HW, IW            | Evaluate to determine if vaccine contains mercury preservative. May also be IW. See "Managing Excess Vaccines" at <a href="http://dnr.wi.gov/files/pdf/pubs/wa/wa841.pdf">http://dnr.wi.gov/files/pdf/pubs/wa/wa841.pdf</a> . |
| Warfarin and salts (sodium and potassium), >0.3%, unused                          | HW         | P001              | HW                | If used, evaluate for HW characteristics.   |
| Warfarin and salts (sodium and potassium), <0.3%, unused                          | HW         | U248              | HW                | If used, evaluate for HW characteristics.   |
| Wound prep applicators  | HW, SW     | D001              | HW, SW            | If empty, SW. Contains alcohol. Evaluate liquid left in applicator to determine if ignitable HW.  |
| Wound prep gauze pads, pre-moistened, individually foil packaged                  | HW, SW     | D001              | HW, SW            | May contain an ignitable alcohol-based disinfection agent. If free liquids are present, evaluate for HW characteristic of ignitability.   |
| X-ray film and negatives  | HW, SW     | D011              | HW, SW, RE        | Evaluate to determine if HW for silver toxicity characteristic. Send off-site for silver reclamation.   |
| <b>Additional Wastes Common to Housekeeping and Maintenance Departments</b>       |            |                   |                   |   |
| Boiler chemicals  | HW, SW     | D002, D007        | HW, SE            | Evaluate for HW characteristics of corrosivity and metals toxicity. Sewer with approval from sewer authority.   |

HW = Hazardous Waste; IW = Infectious Waste; RE = Recycle; RW = Radioactive Waste; SE = Sanitary Sewer; SW = Solid Waste; TCW = Trace Chemotherapy Waste; UO = Used Oil; UW = Universal Waste



| Waste   | Waste Type | Potential HW Code    | Management Method | Comments  |
|---|------------|----------------------|-------------------|---|
| Brake cleaner   | HW         | D, F-codes           | HW                | Evaluate to determine if chlorinated or non-chlorinated solvents. If unused, evaluate for HW characteristics of ignitability and toxicity. If used, evaluate to determine if F-listed HW. |
| Degreasers  | HW         | D001, D002, F-listed | HW                | Evaluate to determine if an ignitable, corrosive or F-listed HW.  |
| Disinfectants, concentrated   | HW, SW     | D001                 | HW, SW            | May be ignitable HW due to alcohol base or oxidizers. Evaluate and manage as HW or SW. Do not sewer excess.   |
| Electronics and computers   | UW, HW, SW | D Codes              | RE, UW, HW, SW    | Recycle as UW or evaluate and manage as HW or SW. For more information, see <a href="http://dnr.wi.gov/topic/ecycle/">http://dnr.wi.gov/topic/ecycle/</a> .                               |
| Ethylene oxide  | HW         | U115, D001           | HW                | U-listed HW if unused and sole active ingredient.   |
| Gasoline  | HW         | D001, D018           | HW                |   |
| Lamps, spent fluorescent and others   | UW, HW     | D009                 | UW, RE, HW        | Recycle as UW or HW.  |
| Mercury-containing equipment (thermostats, switches)  | UW, HW     | D009                 | RE, UW, HW        | Recycle as UW or HW. See "Management of Mercury Containing Equipment" at <a href="http://dnr.wi.gov/files/pdf/pubs/wa/wa1004.pdf">http://dnr.wi.gov/files/pdf/pubs/wa/wa1004.pdf</a> .    |
| Paint, latex  | SW         | N/A                  | SW                | Allow to harden and throw in the trash.   |
| Paint, solvent based  | HW         | D001                 | HW                | May be ignitable HW. Do not evaporate solvents.   |
| Paint, specialty  | HW, SW     | D-codes              | HW, SW            | Evaluate to determine if characteristic HW. May be ignitable (D001) and/or contain metals - lead (D008), cadmium (D006), selenium (D011), barium (D005).                                  |
| Peracetic acid (Steris), concentrate  | HW         | D001, D002           | HW                | May be ignitable HW (oxidizer) or corrosive HW.   |
| Pesticides  | HW, SW     | D, P or U codes      | HW, SW            | Evaluate to determine if HW for toxicity (see TCLP contaminants) or P- or U-listings. Dispose empty containers according to label directions.   |
| Refrigerants (freon, etc)   | HW         | F002, D002           | RE, HW            | All refrigerants, including chlorofluorocarbons (CFCs), must be captured and recycled.  |
| Solvents (acetone, toluene, xylene, carbon tetrachloride, chloroform, alcohols, methyl ethyl ketone (MEK), lacquer thinner, methylene chloride) | HW         | D001, D035, F-codes  | HW, RE            | Evaluate for HW ignitability and toxicity characteristics and F-listings. If unused, evaluate for P- or U-listings. Solvents may be reclaimed on-site or off-site.                        |
| Solvents, mineral spirits   | HW, SW     | D001                 | HW, SW, RE        | Evaluate for HW ignitability. Recycle ignitable and "hi flash" solvents.  |

HW = Hazardous Waste; IW = Infectious Waste; RE = Recycle; RW = Radioactive Waste; SE = Sanitary Sewer; SW = Solid Waste; TCW = Trace Chemotherapy Waste; UO = Used Oil; UW = Universal Waste



| Waste   | Waste Type | Potential HW Code | Management Method | Comments  |
|---|------------|-------------------|-------------------|---|
| Towels, wipes, sorbents contaminated with oils, solvents or paint | HW, SW     | D, F, U, P codes  | HW, SW            | Send to towel laundering facility. Otherwise evaluate to determine if HW or SW. See "Handling Solvent-laden Cleaning Towels, Wipes and Rags" at <a href="http://dnr.wi.gov/files/pdf/pubs/wa/wa1207.pdf">http://dnr.wi.gov/files/pdf/pubs/wa/wa1207.pdf</a> . |
| Used oil  | UO         | N/A               | UO                | Collect and recycle as used oil. Do not mix with HW.  |



Bureau of Waste and Materials Management  
Wisconsin Department of Natural Resources  
PO Box 7921, Madison, WI 53707-7921  
[DNRWasteMaterials@wisconsin.gov](mailto:DNRWasteMaterials@wisconsin.gov)  
(608)266-2111

Disclaimer: This document is intended solely as guidance, and does not contain any mandatory requirements except where reference is made to requirements found in statute or administrative rule. This guidance does not establish or affect legal rights or obligations, and is not finally determinative of any of the issues addressed. This guidance does not create any rights enforceable by any party in litigation with the State of Wisconsin or the Department of Natural Resources. Any regulatory decisions made by the Department of Natural Resources in any matter addressed by this guidance will be made by applying the governing statutes and administrative rules to the relevant facts.

The Wisconsin Department of Natural Resources provides equal opportunity in its employment, programs, services and functions under an Affirmative Action Plan. If you have any questions, please write to Equal Opportunity Office, Department of the Interior, Washington, D.C. 20240. This publication is available in alternative format (large print, Braille, audio tape, etc.) upon request. Please call (608)266-2111 for more information.

HW = Hazardous Waste; IW = Infectious Waste; RE = Recycle; RW = Radioactive Waste; SE = Sanitary Sewer;  
SW = Solid Waste; TCW = Trace Chemotherapy Waste; UO = Used Oil; UW = Universal Waste